

**Curriculum Guide
Major: Mathematics (B.S.)
2013-2014**

First Year				Second Year			
Semester 1		Semester 2		Semester 1		Semester 2	
ENGL 1301	3 hrs.	ENGL 1302 ³ or 2311 ³	3 hrs.	MATH 2413 ⁵	4 hrs.	MATH 2414 ⁸	4 hrs.
MATH 1314 ²	3 hrs.	MATH 2412 ⁴	4 hrs.	PHYS 1401 ⁹ /2425 ⁶ (FA)	4 hrs.	PHYS 1402 ⁹ /2426 ¹⁰ (SP)	4 hrs.
CORE 60*	3 hrs.	CORE 11*	3 hrs.	CS 1315 ¹⁵	3 hrs.	CORE 70*	3 hrs.
CORE 70*	3 hrs.	CORE 50*	3 hrs.	CORE 40*	3 hrs.	Elective	3 hrs.
CORE 90*	1-3 hrs.	CORE 60*	3 hrs.	Elective	3 hrs.	Elective	3 hrs.
13-15 hrs.		16 hrs.		17 hrs.		17 hrs.	
Third Year				Fourth Year			
Semester 1		Semester 2		Semester 1		Semester 2	
MATH 3325 ¹¹ (FA)	3 hrs.	MATH ¹	3 hrs.	MATH ¹	3 hrs.	MATH 4341 ¹³ (SP)	3 hrs.
MATH ¹	3 hrs.	MATH ¹	3 hrs.	MATH ¹	3 hrs.	MPS 4370 ¹⁴	3 hrs.
MATH ¹	3 hrs.	CS 1337 (or MATH 3306) ¹⁶	3 hrs.	Adv. Elective	3 hrs.	MATH ¹	3 hrs.
CORE 80*	3 hrs.	Adv. Elective	3 hrs.	Adv. Elective	3 hrs.	Elective	3 hrs.
Elective	3 hrs.	Elective	3 hrs.	Elective	3 hrs.		
15 hrs.		15 hrs.		15 hrs.		12 hrs.	

*See degree checklist for options.

FA=Fall only

SP=Spring only

NOTE: Course scheduling/rotation notes are not definitive and should be used for general planning purposes only. A number of factors can influence when courses are offered. Students should always seek the advice of their academic advisor before scheduling classes.

PREREQUISITE NOTES:

²**MATH 1314:** prerequisite is MATH 0303 or score of 85 or higher on Accuplacer elementary level algebra

³**ENGL 1302 and 2311:** prerequisite is ENGL 1301

⁴**MATH 2412:** prerequisite is ACT score of 24 or SAT 560 or above on math section or MATH 1314 (Note: MATH 1316 is accepted, but **MATH 2412 is preferred**)

⁵**MATH 2413:** prerequisite is MATH 1316, 2412, or ACT score of 27 or SAT 620 or above on math section

⁶**PHYS 1401:** prerequisite is MATH 1314, MATH 1324 or a mathematics course for which one of these courses is a prerequisite.

⁷**PHYS 2425:** prerequisite is MATH 2413 or concurrent enrollment

⁸**MATH 2414:** prerequisite is MATH 2413

⁹**PHYS 1402:** prerequisite is PHYS 1401.

¹⁰**PHYS 2426:** prerequisite is PHYS 2425 and MATH 2414 or concurrent enrollment in MATH 2414

¹¹**MATH 3325:** prerequisite is MATH 2414.

¹²**MATH 3311:** prerequisite is MATH 2414.

¹³**MATH 4341:** prerequisite is MATH 3325.

¹⁴**MPS 4370:** prerequisite is senior status and consent of instructor.

¹⁵**CS 1315:** prerequisite is MATH 1314 and MATH 1316 or MATH 2412.

¹⁶Mathematics majors seeking teacher certification must take MATH 3306 (SP; prereq. 2413), and those not seeking teacher certification must take CS 1337 (FA/SP/SU; no prereq.)

ADDITIONAL NOTES:

¹**Choose courses from the following:** MATH 3311 (FA; prereq. 2414), 3321 (SP even; prereq. 2414), 3340 (SP; prereq. 2414), 3342 (FA/SP; prereq. 2414), 3343 (SP; prereq. 3342), 4310 (SP; prereq. 3325), 4340 (FA odd; prereq. 3340 or concurrent enrollment), 4361 (SP odd; no prereq.) or 4362 (FA even; prereq. 2414)